

EAST Search History

R.A.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	95	moon near2 seung\$2hwan	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:25
S2	20929	(first near3 (gate near2 (voltage\$1 signal\$1 pulse\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:27
S3	9016	(first near3 (gate near2 (voltage\$1 signal\$1 pulse\$1))) same (second near3 (gate near2 (voltage\$1 signal\$1 pulse\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:27
S4	9016	((first near3 (gate near2 (voltage\$1 signal\$1 pulse\$1))) same (second near3 (gate near2 (voltage\$1 signal\$1 pulse\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:29
S5	390639	(LCD (liquid adj crystal adj display))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:29
S6	253	S4 same S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:29
S7	7693	((first near3 (gate near2 (voltage\$1 signal\$1 pulse\$1))) with (second near3 (gate near2 (voltage\$1 signal\$1 pulse\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:31
S8	227	S5 same S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:29
S9	164	S5 with S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:31
S10	3881	((first near3 (gate near2 (voltage\$1 pulse\$1))) with (second near3 (gate near2 (voltage\$1 pulse\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:31
S11	70	S5 with S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/10 16:31

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S12	4	"5587722".pn. "5995075".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/11 08:52
S13	9	("3862360" "4532506" "5200741").PN. OR ("5587722"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 15:16
S14	11	("20010033266" "4955697" "5408226" "5587722" "5714968" "5754155" "5774099" "5798744" "5844534" "6191769" "6225992").PN. OR ("6867760"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 15:27
S15	307	((gate near3 (voltage\$1 pulse\$1)) near5 slope)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 15:53
S16	65	((gate near3 (voltage\$1 pulse\$1)) near5 (down\$4 descend\$3 slid\$4 decreas\$4 fall\$3 declin\$3 step\$5 ramp\$5) near5 slope)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 16:11
S17	19	("20010033266" "4955697" "5081400" "5408226" "5587722" "5657037" "5714968" "5748169" "5754155" "5774099" "5777591" "5798744" "5844534" "5995074" "5995075" "6191769" "6225992" "6229531" "6359607").PN. OR ("7027024").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 15:40
S18	17	("5151805" "5300945" "5414443" "5457474" "5587722" "5646643" "5686932" "5739816" "5754155" "5764225" "5784039" "5917465" "5995074" "6005543" "6020870" "6046716" "6229531").PN. OR ("7002542").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 15:46
S19	12	("4955697" "5408226" "5714968" "5754155" "5774099" "5798744" "5844534" "6225992").PN. OR ("6359607"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 15:49
S20	6	((gate\$1on near3 (voltage\$1 pulse\$1)) near5 slope)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 15:53
S21	8	((gate\$1on near3 (voltage\$1 pulse\$1)) same (down\$4 descend\$3 slid\$4 decreas\$4 fall\$3 declin\$3 step\$5 ramp\$5) same slope)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 16:10

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S22	2	S21 not S20	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 16:10
S23	150	((gate near3 (voltage\$1 pulse\$1)) with (down\$4 descend\$3 slid\$4 decreas\$4 fall\$3 declin\$3 step\$5 ramp\$5) with slope)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 16:11
S24	85	S23 not S16	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 16:12
S25	6	((gate\$1on near3 (voltage\$1 pulse\$1)) with (down\$4 descend\$3 slid\$4 decreas\$4 fall\$3 declin\$3 step\$5 ramp\$5) with slope)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 16:12
S26	84	S24 not S25	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 16:13
S27	390888	(LCD (liquid adj crystal adj display))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/11 16:13
S28	5	S26 & S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/11 16:14
S29	4	("4917467" "5132677" "5668613" "6377322").PN. OR ("6850289"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 16:15
S30	9	("3862360" "4532506" "5200741").PN. OR ("5587722"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 12:40
S31	9	("3862360" "4532506" "5200741").PN. OR ("5587722"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 14:16
S32	218794	(voltage near4 generat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 14:28
S33	190568	((first near3 (switch\$3 transistor\$1)) same (second near3 (switch\$3 transistor\$1)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 14:26
S34	41633	(capacitor\$1 same ((voltage near3 divid\$3) (first adj resistor) & (second adj resistor\$1)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 14:27
S35	84429	(voltage adj generat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 14:29

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S36	2636	S33 & S34 & S35	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 14:29
S37	104	(voltage adj generat\$4) same ((first near3 (switch\$3 transistor\$1)) same (second near3 (switch\$3 transistor\$1))) same (capacitor\$1 same ((voltage near3 divid\$3) (first adj resistor) & (second adj resistor\$1)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:07
S38	57046	"345"/\$!.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 14:34
S39	4	S37 & S38	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 14:35
S40	73	(first adj capacitor) same (second adj capacitor) same (first adj (switch\$2 transistor\$1 tft)) same (second adj (switch\$2 transistor\$1 tft)) same (voltage adj divid\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:15
S41	1	S38 & S40	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:15
S42	29	S32 & S40	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:12
S43	44	S40 not S42	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:16
S44	307	(first adj capacitor) same (second adj capacitor) same (first adj (switch\$2 transistor\$1 tft)) same (second adj (switch\$2 transistor\$1 tft)) same (first adj resistor) same (second adj resistor)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:15
S45	3	S38 & S44	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:16
S46	94	S44 & S32	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:23
S47	1636	Q1 same Q2 same R1 same r2 same C1 same C2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:41
S48	512	S32 & S47	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:41

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S49	8	S38 & S48	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:42
S50	1710	Q2 same R1 same r2 same C1 same C2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:41
S51	535	S32 & S50	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:44
S52	11	S38 & S51	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:42
S53	3	S52 not S49	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:42
S54	27	S38 & S50	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:57
S55	1273	345/95,211.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 15:57
S56	20701	((power voltage) near2 (generator produc\$4) near2 (circuit\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 16:02
S57	66	S55 & S56	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 16:02
S58	12	("5196738" "5250937" "5625387" "5640174").PN. OR ("5877737").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 16:18
S59	21606	((voltage adj divi\$4) same capacitor\$1 same (switch\$2 tft\$2 transistor\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 16:21
S60	1471	S56 & S59	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 16:22
S61	18	S38 & S60	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 16:22
S62	0	("2004/0246219").URPN.	USPAT	OR	OFF	2006/04/27 16:22
S63	218794	(voltage near4 generat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 18:37

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S64	307	(first adj capacitor) same (second adj capacitor) same (first adj (switch\$2 transistor\$1 tft)) same (second adj (switch\$2 transistor\$1 tft)) same (first adj resistor) same (second adj resistor)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 18:37
S65	94	S64 & S63	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 18:37
S66	170790	(lcd (liquid adj crystal adj display))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 18:38
S67	3	S65 & S66	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 18:38
S68	22	("3753433" "4227516" "4335710" "4834701" "4846190" "4902274" "4928704" "5036858" "5076281" "5299569" "5306228" "5356368" "5409445" "5480374" "5527259" "5546943" "5562597" "5899867" "6044292" "6071229" "6129748").PN. OR ("6527696").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 18:39
S69	73	((first adj capacitor) same (second adj capacitor) same ((first adj (switch\$2 transistor\$1 tft)) same (second adj (switch\$2 transistor\$1 tft)) same (voltage adj divid\$3)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 17:24
S70	99285	(power adj convert\$3 voltage adj generat\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 17:17
S71	4	S69 same S70	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 17:18
S72	404	((capacitor) near2 connect\$3 near2 ((first & second) adj (transistor switch tft)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 17:26
S73	62464	(voltage adj divider)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 17:26
S74	66	S72 & S73	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 17:26
S75	24	S70 & S74	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 17:26
S76	0	("2004/0246219").URPN.	USPAT	OR	OFF	2006/05/19 17:27

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S77	1556	((gate scan\$4 row) near3 voltage\$2 near2 two near3 (level voltage\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/21 17:23
S78	58421	"345"/\$!.cccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/21 17:23
S79	198	S77 & S78	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/21 17:23
S80	226265	(lcd (liquid adj crystal))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/21 17:23
S81	165	S79 & S80	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/21 17:29
S82	82	S77 same S80	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/21 17:29
S83	61	S78 & S82	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/21 17:30
S84	1559	((gate scan\$4 row) near3 voltage\$2 near2 two near3 (level voltage\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:47
S85	58557	"345"/\$!.cccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 06:44
S86	226918	(lcd (liquid adj crystal))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 06:44
S87	82	S84 same S86	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 06:44
S88	61	S85 & S87	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:37
S89	151	((gate scan\$4 row) near3 voltage\$2 near2 two near3 (signal\$1 pulse\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:02
S90	21	S86 same S89	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:02
S91	16	S85 & S90	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:02

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S92	2	S91 not S88	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:02
S93	168	((gate scan\$4 row) near3 voltage\$2 near2 slop\$3 near3 (level voltage\$1 signal pulse\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:54
S94	29	S85 & S93	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:12
S95	5	S93 same S86	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:08
S96	17	S86 & S94	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:13
S97	12	S96 not S95	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:13
S98	735981	"10%"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:37
S99	2026	S85 & S98	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:38
S10 0	15	S84 & S99	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:38
S10 1	227	((gate scan\$4 row) near3 voltage\$2 near2 (Von))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:48
S10 2	5	((gate scan\$4 row) near3 voltage\$2 near2 (Von2))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:09
S10 3	26	((gate scan\$4 row) near5 voltage\$2 near5 down\$4 near5 slop\$3 near5 (level voltage\$1 signal pulse\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:03
S10 4	0	S86 & S103	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:56
S10 5	7	S85 & S103	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:56
S10 6	0	((pre\$1charg\$3) same ((gate scan\$4 row) near5 voltage\$2 near5 slop\$3 near5 (level voltage\$1 signal pulse\$1)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:59

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S10 7	26	((pre\$1charg\$3) same ((gate scan\$4 row) same voltage\$2 same slop\$3 same (level voltage\$1 signal pulse\$1)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:59
S10 8	1	S86 & S107	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 07:59
S10 9	32	((gate scan\$4 row) near5 voltage\$2 near5 fall\$4 near5 slop\$3 near5 (level voltage\$1 signal pulse\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/16 16:42
S11 0	451	((gate scan\$4 row) near3 voltage\$2 near2 (V2))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:09
S11 1	296	((gate scan\$4 row) near3 voltage\$2 near2 (Vg2))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:10
S11 2	49	S86 & S111	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:10
S11 3	30	S85 & S112	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:13
S11 4	6600	(pre\$1charg\$3 same (gate scan\$4 row) same (two second) same (level voltage\$1 signal pulse\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:15
S11 5	1093	(pre\$1charg\$3 same (gate scan\$4 row) same (two second) same (level voltage\$1 signal pulse\$1) same (slope fall\$4 decreas\$3 ramp\$3 down\$4 descend\$4 slid\$3 grad\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:16
S11 6	28	S85 & S115	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:26
S11 7	201168	(voltage near3 generat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:45
S11 8	1341	(R1 same r2 same r3 same Q1 same Q2 same C1 same C2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:42
S11 9	18	S117 same S118	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:37
S12 0	173	((voltage near2 divid\$3) same Q1 same Q2 same C1 same C2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:42

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S12 1	50	S117 & S120	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:43
S12 2	24	S121 not S118	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:43
S12 3	44	S121 not S119	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:43
S12 4	51162	(voltage near3 generat\$4 near4 circuit\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:48
S12 5	3	S120 same S124	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:46
S12 6	314927	(power near4 circuit\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:48
S12 7	27	S120 same S126	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:49
S12 8	12193	(pre\$1charg\$3 near5 circuit\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:50
S12 9	1	S120 & S128	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 08:51
S13 0	15	S118 & S128	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:06
S13 1	48	((first adj transistor) same (second adj transistor) same (first adj capacitor) same (second adj capacitor) same (voltage adj divid\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:08
S13 2	29	(S117 S126 S128) & S131	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:17
S13 3	60	(capacitor near3 (coupled connect\$3) near3 gate\$1 near3 (first adj transistor) near3 (second adj transistor))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:24
S13 4	90602	(voltage near2 divid\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:19
S13 5	0	S133 same S134	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:19

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S13 6	10	S133 & S134	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:19
S13 7	1	("3114112").URPN.	USPAT	OR	OFF	2006/06/22 09:22
S13 8	50	S133 not S136	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:32
S13 9	13525	((capacitor near3 charg\$3 near3 transistor) same (capacitor near3 discharg\$3 transistor))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:35
S14 0	978	S134 same S139	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:34
S14 1	454356	(S117 S126 S128)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:34
S14 2	193	S140 same S141	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:34
S14 3	153	((capacitor near3 charg\$3 near3 transistor) same (capacitor near3 discharg\$3 near3 second near3 transistor))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:35
S14 4	8	S134 same S143	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 09:35
S14 5	243	(gray near2 voltage near2 generator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/22 14:22
S14 6	548211	(lcd (liquid adj crystal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/22 14:22
S14 7	74642	"345"/\$!.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/22 14:24
S14 8	141	S145 & S146 & S147	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/22 16:01
S14 9	77	(gate\$2on near2 voltage near2 generat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/22 14:25

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S15 0	75	S146 & S149	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/22 14:25
S15 1	13460	(345/87-103,208,210-212).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/22 16:01
S15 2	14325	(345/87-103,208,210-212).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/16 16:41
S15 3	4140	(gray grey) near4 voltage\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/16 16:42
S15 4	49	((gate scan\$4 row) near5 voltage\$2 near5 fall\$4 near5 slop\$3 near5 (level voltage\$1 signal pulse\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/16 16:46
S15 5	2748	((gate scan\$4 row) near5 voltage\$2 near5 (fall\$4 slop\$3) near5 (level voltage\$1 signal pulse\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/16 16:44
S15 6	125	((gate scan\$4 row) near5 voltage\$2) & (slop\$3) & (level voltage\$1 signal pulse\$1)).clm.	US-PGPUB	OR	OFF	2006/11/16 16:49
S15 7	6	((gate scan\$4 row) near5 voltage\$2) & (slop\$3) & (level voltage\$1 signal pulse\$1) & (LCD (liquid adj crystal))).clm.	US-PGPUB	OR	OFF	2006/11/16 16:49
S15 8	33	((gate scan\$4 row) near5 voltage\$2) & (fall\$3 slop\$3) & (level voltage\$1 signal pulse\$1) & (LCD (liquid adj crystal))).clm.	US-PGPUB	OR	OFF	2006/11/16 16:50